Brain Research, 479 (1989) 407–409
Elsevier

Author Index

Abbott, F.V., see Mastrianni, J.A., 283
Akiguchi, I., see Ino, T., 157
Albrecht, R.F., see Pelligrino, D.A., 241
Allen, A.C., see Gammon, C.M., 217
Amassian, V.E., Cracco, R.Q. and Maccabee, P.J., A sense of movement elicited in paralyzed distal arm by focal magnetic coil stimulation of human motor cortex, 355
Ammassari-Teule, M., see Libri, V., 1
Angaut, P. and Sotelo, C., Synaptology of the cerebello-olivary pathway. Double labelling with anterograde axonal tracing and GABA immunocytochemistry in the rat, 361
Angaut-Petit, D., see Mallart, A., 167

Bagust, J., Kerkut, G.A. and Rakkah, N.I.A., Differential sensitivity of dorsal and ventral root activity to magnesium and 2-amino-5-phosphonovalerate (APV) in an isolated mammalian spinal cord preparation, 138
Ball, J.A., Ghatei, M.A., Sekiya, K., Krausz, T. and Bloom, S.R., Diazepam binding inhibitor-like immunoreactivity-(51–70): distribution in human brain, spinal cord and peripheral tissues, 300
Beaudet, A., see Woulfe, J., 402
Becker, G.L., see Pelligrino, D.A., 241
Ben-Eliyahu, S., see Yirmiya, R., 16
Berkley, K.J., see Contos, N., 172
Bloom, S.R., see Ball, J.A., 300
Bodine-Fowler, S., see Hutchison, D.L., 56
Botez, M.I., see Lalonde, R., 201
Bourne, R.C., see Csillag, A., 391
Boxer, M.I., see Csillag, A., 391
Brooker, G., see Danysz, W., 270
Burden, H.W., see Klein, C.M., 194

Cahill, G.M. and Menaker, M., Effects of excitatory amino acid receptor antagonists and agonists on suprachiasmatic nucleus responses to retinohypothalamic tract volleys, 76
Cahill, G.M. and Menaker, M., Responses of the suprachiasmatic nucleus to retinohypothalamic tract volleys in a slice preparation of the mouse hypothalamus, 65
Caramia, M.D., Pardal, A.M., Zarola, F. and Rossini, P.M., Electric vs magnetic transcranial stimulation of the brain in healthy humans: a comparative study of central motor tracts 'conductivity' and 'excitability', 98
Carlen, P.L., see Reynolds, J.N., 384
Casey, K.L., see Lin, Y., 306
Castellano, C., see Libri, V., 1
Chan, C.W.Y. and Dallaire, M., Subjective pain sensation is linearly correlated with the flexion reflex in man, 145
Cheng, S.W.T. and North, W.G., Vasopressin reduces release from vasopressin-neurons and oxytocin-neurons by acting on V_2-like receptors, 35
Contos, N., Molinari, H.H. and Berkley, K.J., Variations in the cellular incorporation of [^{3}H]proline, 172
Costa, E., see Danysz, W., 270
Cotman, C.W., see Gómez-Pinilla, F., 255
Cracco, R.Q., see Amassian, V.E., 355
Crunelli, V., see Soltesz, I., 49
Csillag, A., Bourne, R.C., Kalman, M., Boxer, M.I. and Stewart, M.G., [^{3}H]Naloxone binding in the brain of the domestic chick (*Gallus domesticus*) determined by in vitro quantitative autoradiography, 391
Cullinan, W.E., see Zaborszky, L., 177

Dallaire, M., see Chan, C.W.Y., 145
Danysz, W., Wroblewski, J.T., Brooker, G. and Costa, E., Modulation of glutamate receptors by phencyclidine and glycine in the rat cerebellum: cGMP increase in vivo, 270
Dores, R.M., see Sei, C.A., 162

Edgerton, V.R., see Hutchison, D.L., 56

Feenstra, M.G.P., see Kalsbeek, A., 339
Fitch, J.M., Juraska, J.M. and Washington, L.W., The dendritic morphology of pyramidal neurons in the rat hippocampal CA3 area. I. Cell types, 105
Fitch, J.M., see Juraska, J.M., 115
Fukunaga, R., see Kitagawa, K., 263

Gammon, C.M., Oxford, G.S., Allen, A.C., McCarthy, K.D. and Morell, P., Diacylglycerol modulates action potential frequency in GH_3 pituitary cells: correlative biochemical and electrophysiological studies, 217
Gerstner, G.E. and Goldberg, L.J., An analysis of mandibular movement trajectories and masticatory muscle EMG activity during drinking in the guinea pig, 6
Ghatei, M.A., see Ball, J.A., 300
Goldberg, L.J., see Gerstner, G.E., 6
Gómez-Pinilla, F., Cotman, C.W. and Nieto-Sampedro, M., NGF receptor immunoreactivity in aged rat brain, 255
Gotow, T., Photoresponses of an extraocular photoreceptor associated with a decrease in membrane conductance in an opisthobranch mollusc, 120

Hamprecht, B., see Reiser, G., 40
Handa, N., see Kitagawa, K., 263
Heizmann, C.W., see Kamphuis, W., 23
Hernandez, L., see Schwartz, D.H., 349
Hodgson, J.A., see Hutchison, D.L., 56
Hoebel, B.G., see Schwartz, D.H., 349
Huisman, E., see Kamphuis, W., 23
Hutchison, D.L., Roy, R.R., Bodine-Fowler, S., Hodgson, J.A. and Edgerton, V.R., Electromyographic (EMG) amplitude patterns in the proximal and distal compartments of the cat semitendinosus during various motor tasks, 56

Iadarola, M.J. and Mouradian, M.M., Decrease in a proenkephalin peptide in cerebrospinal fluid in Huntington's disease and progressive supranuclear palsy, 397
Ikeda, H., see Robbins, J., 313
Ikeda, H., see Robbins, J., 323
Ikeda, H., see Robbins, J., 334
Ino, T., Itoh, K., Kamiya, H., Kaneko, T., Shigemoto, R., Akiguchi, I. and Mizuno, N., Direct projections from Ammon's horn to the rostral raphe regions in the brainstem of

the cat, 157
Isaka, Y., see Kitagawa, K., 263
Itoh, K., see Ino, T., 157

Jouvet, M., see Lin, J.-S., 225
Juraska, J.M., Fitch, J.M. and Washburne, D.L., The dendritic morphology of pyramidal neurons in the rat hippocampal CA3 area. II. Effects of gender and the environment, 115
Juraska, J.M., see Fitch, J.M., 105

Kalman, M., see Csillag, A., 391
Kalsbeek, A., Feenstra, M.G.P., Van Galen, H. and Uylings, H.B.M., Monoamine and metabolite levels in the prefrontal cortex and the mesolimbic forebrain following neonatal lesions of the ventral tegmental area, 339
Kamada, T., see Kitagawa, K., 263
Kamada, T., see Wanaka, A., 190
Kamiya, H., see Ino, T., 157
Kamphuis, W., Huisman, E., Wadman, W.J., Heizmann, C.W. and Lopes da Silva, F.H., Kindling induced changes in parvalbumin immunoreactivity in rat hippocampus and its relation to long-term decrease in GABA-immunoreactivity, 23
Kaneko, T., see Ino, T., 157
Kato, H., Kogure, K. and Nakano, S., Neuronal damage following repeated brief ischemia in the gerbil, 366
Kawahara, K., Nakazono, Y., Kumagai, S., Yamauchi, Y. and Miyamoto, Y., Inhibitory influences on hypoglossal neural activity by stimulation of midpontine dorsal tegmentum in decerebrate cat, 185
Kawai, Y. and Takagi, H., Parvicellular adrenergic neurons receive substance P-ergic inputs in the nucleus of the tractus solitarius of the rat, 344
Kerkut, G.A., see Bagust, J., 138
Kimura, K., see Kitagawa, K., 263
Kiritsy-Roy, J.A., see Lin, Y., 306
Kitagawa, K., Matsumoto, M., Handa, N., Fukunaga, R., Ueda, H., Isaka, Y., Kimura, K. and Kamada, T., Prediction of stroke-prone gerbils and their cerebral circulation, 263
Klein, C.M., Ray, R.H. and Burden, H.W., Direct electrical stimulation of the superior ovarian nerve in rats causes an increase in neuronal activity in the ipsilateral ovarian plexus nerve, 194
Kogure, K., see Kato, H., 366
Krausz, T., see Ball, J.A., 300
Kumagai, S., see Kawahara, K., 185
Kunos, G., see Mastrianni, J.A., 283

Lalonde, R., Manseau, M. and Botez, M.I., Exploration and habituation in Purkinje cell degeneration mutant mice, 201
Lehman, M.N., see Norgren Jr., R.B., 374
Leresche, N., see Soltesz, I., 49
Libri, V., Ammassari-Teule, M. and Castellano, C., Blocking of morphine-induced locomotor hyperactivity by amygdaloid lesions in C57BL/6 mice, 1
Liebeskind, J.C., see Yirmiya, R., 16
Lightowler, S., see Soltesz, I., 49
Lin, J.-S., Sakai, K., Vanni-Mercier, G. and Jouvet, M., A critical role of the posterior hypothalamus in the mechanisms of wakefulness determined by microinjection of muscimol in freely moving cats, 225
Lin, Y., Morrow, T.J., Kiritsy-Roy, J.A., Terry, L.C. and Casey, K.L., Cocaine: evidence for supraspinal, dopamine-mediated, non-opiate analgesia, 306
Lopes da Silva, F.H., see Kamphuis, W., 23
Lynch, G., see Muller, D., 290

Maccabee, P.J., see Amassian, V.E., 355
Magari, S., see Sakanaka, M., 205
Malbon, C.C., see Wanaka, A., 190
Mallart, A., Molgó, J., Angaut-Petit, D. and Thesleff, S., Is the internal calcium regulation altered in Type A botulinum toxin-poisoned motor endings?, 167
Manseau, M., see Lalonde, R., 201
Martin, F.C., see Yirmiya, R., 16
Mastrianni, J.A., Abbott, F.V. and Kunos, G., Activation of central μ-opioid receptors is involved in clonidine analgesia in rats, 283
Matsumoto, M., see Kitagawa, K., 263
Matsumoto, M., see Wanaka, A., 190
McCarthy, K.D., see Gammon, C.M., 217
McClane, S., see Schwartz, D.H., 349
McQuarrie, I.G., see Yates, A.J., 277
Menaker, M., see Cahill, G.M., 65
Menaker, M., see Cahill, G.M., 76
Miledi, R., see Reiser, G., 83
Miletich, D.J., see Pelligrino, D.A., 241
Miyamoto, Y., see Kawahara, K., 185
Mizuno, N., see Ino, T., 157
Molgó, J., see Mallart, A., 167
Molinari, H.H., see Contos, N., 172
Morell, P., see Gammon, C.M., 217
Morrow, T.J., see Lin, Y., 306
Mouradian, M.M., see Iadarola, M.J., 397
Muller, D. and Lynch, G., Evidence that changes in presynaptic calcium currents are not responsible for long-term potentiation in hippocampus, 290

Nakano, S., see Kato, H., 366
Nakazono, Y., see Kawahara, K., 185
Nieto-Sampedro, M., see Gómez-Pinilla, F., 255
Norgren Jr., R.B. and Lehman, M.N., Retrograde transneuronal transport of Herpes simplex virus in the retina after injection in the superior colliculus, hypothalamus and optic chiasm, 374
North, W.G., see Cheng, S.W.T., 35

Oxford, G.S., see Gammon, C.M., 217

Pardal, A.M., see Caramia, M.D., 98
Pelligrino, D.A., Becker, G.L., Miletich, D.J. and Albrecht, R.F., Cerebral mitochondrial respiration in diabetic and chronically hypoglycemic rats, 241
Peyrichoux, J., see Rio, J.P., 151
Rakkah, N.I.A., see Bagust, J., 138
Ray, R.H., see Klein, C.M., 194
Reiser, G. and Hamprecht, B., Substance P and serotonin act synergistically to activate a cation permeability in a neuronal cell line, 40
Reiser, G. and Miledi, R., Changes in the properties of synaptic channels opened by acetylcholine in denervated frog muscle, 83
Reperant, J., see Rio, J.P., 151
Reynolds, J.N. and Carlen, P.L., Diminished calcium currents in aged hippocampal dentate gyrus granule neurones, 384
Richard, R., see Sei, C.A., 162
Rio, J.P., Reperant, J., Ward, R., Peyrichoux, J. and Vessel-

kin, N., A preliminary description of the regeneration of optic nerve fibers in a reptile, *Vipera aspis*, 151
Robbins, J. and Ikeda, H., Benzodiazepines and the mammalian retina. I. Autoradiographic localisation of receptor sites and the lack of effect on the electroretinogram, 313
Robbins, J. and Ikeda, H., Benzodiazepines and the mammalian retina. II. Actions on retinal ganglion cells, 323
Robbins, J. and Ikeda, H., Benzodiazepines and the mammalian retina. III. Postnatal development, 334
Rossini, P.M., see Caramia, M.D., 98
Roy, R.R., see Hutchison, D.L., 56

Sakai, K., see Lin, J.-S., 225
Sakanaka, M. and Magari, S., Reassessment of enkephalin (ENK)-containing afferents to the rat lateral septum with reference to the fine structures of septal ENK fibers, 205
Schild, C.P., see Stein, P.S.G., 379
Schwartz, D.H., McClane, S., Hernandez, L. and Hoebel, B.G., Feeding increases extracellular serotonin in the lateral hypothalamus of the rat as measured by microdialysis, 349
Sei, C.A., Richard, R. and Dores, R.M., Steady-state levels of pro-dynorphin-related end-products from the brain of the amphibian, *Xenopus laevis*, 162
Sekiya, K., see Ball, J.A., 300
Sharav, Y. and Tal, M., Masseter inhibitory periods and sensations evoked by electrical tooth-pulp stimulation in subjects under hypnotic anesthesia, 247
Shavit, Y., see Yirmiya, R., 16
Shigemoto, R., see Ino, T., 157
Soltesz, I., Lightowler, S., Leresche, N. and Crunelli, V., Optic tract stimulation evokes $GABA_A$ but not $GABA_B$ IPSPs in the rat ventral lateral geniculate nucleus, 49
Sotelo, C., see Angaut, P., 361
Stein, P.S.G. and Schild, C.P., *N*-Methyl-L-aspartate antagonist applied to the spinal cord hindlimb enlargement reduces the amplitude of flexion reflex in the turtle, 379
Stewart, M.G., see Csillag, A., 391
Stock, S.M., see Yates, A.J., 277

Takagi, H., see Kawai, Y., 344
Tal, M., see Sharav, Y., 247
Terry, L.C., see Lin, Y., 306
Thesleff, S., see Mallart, A., 167
Tohyama, M., see Wanaka, A., 190
Turski, W.A., Homocysteic acid: convulsant action of stereoisomers in mice, 371

Ueda, H., see Kitagawa, K., 263
Uylings, H.B.M., see Kalsbeek, A., 339

Van Galen, H., see Kalsbeek, A., 339
Vanni-Mercier, G., see Lin, J.-S., 225
Vesselkin, N., see Rio, J.P., 151

Wadman, W.J., see Kamphuis, W., 23
Wanaka, A., Malbon, C.C., Matsumoto, M., Kamada, T. and Tohyama, M., Presence of catecholaminergic axon-terminals containing β-adrenergic receptor in the periventricular zone of the rat hypothalamus, 190
Ward, R., see Rio, J.P., 151
Warner, J.K., see Yates, A.J., 277
Washburne, D.L., see Juraska, J.M., 115
Washington, L.W., see Fitch, J.M., 105
Weiner, H., see Yirmiya, R., 16
Wild, J.M., Pretectal (*lentiformis mesencephali*) and tectal projections to the homologue of the dorsal lateral geniculate nucleus in the pigeon: an anterograde and retrograde tracing study with cholera toxin conjugated to horseradish peroxidase, 130
Woulfe, J. and Beaudet, A., Immunocytochemical evidence for direct connections between neurotensin-containing axons and dopaminergic neurons in the rat ventral midbrain tegmentum, 402
Wroblewski, J.T., see Danysz, W., 270

Yamauchi, Y., see Kawahara, K., 185
Yates, A.J., Warner, J.K., Stock, S.M. and McQuarrie, I.G., Ganglioside synthesis and transport in regenerating sensory neurons of the rat sciatic nerve, 277
Yirmiya, R., Shavit, Y., Ben-Eliyahu, S., Martin, F.C., Weiner, H. and Liebeskind, J.C., Natural killer cell activity in vasopressin-deficient rats (Brattleboro strain), 16

Zaborszky, L. and Cullinan, W.E., Hypothalamic axons terminate on forebrain cholinergic neurons: an ultrastructural double-labeling study using PHA-L tracing and ChAT immunocytochemistry, 177
Zarola, F., see Caramia, M.D., 98